

Docket No. BLD920010002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Crossland et al.

Group Art Unit: : IBM Corporation  
Examiner: : Intellectual Property Law  
Serial No.: : Dept. N50, Bldg. 040-4  
Filed: Herewith : 1701 North Street  
: Endicott, NY 13760

Title: HALFTONING METHOD AND SYSTEM PROVIDING INCREASED  
NUMBER OF DENSITIES PER BASIC HALFTONE  
CELL FOR CONSTANT INPUT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

It is respectfully requested that the publications identified below and listed on the enclosed PTO-1449 Form(s) be considered by the United States Patent and Trademark Office (USPTO) in the subject United States patent application and be made of record therein. A copy of each publication is enclosed, and this submission is otherwise believed to be in compliance with 37 C.F.R. Sections 1.97 and 1.98. This information is all the material information, as defined in 37 C.F.R. Section 1.56(a), of which the submitter is aware. However, no representation is made or intended that a search has been made or that no other such material information exists.

PATENTS

- |     |  |    |           |    |           |
|-----|--|----|-----------|----|-----------|
| 1.  | 4,642,653  | 2. | 5,053,887 | 3. | 5,204,760 |
| 4.  | 5,253,084  | 5. | 5,258,832 | 6. | 5,463,471 |
| 7.  | 5,469,515  | 8. | 5,526,438 | 9. | 5,761,325 |
| 10. | 5,867,599  |    |           |    |           |
| 11. | "Using Pixel Overlap to Obtain More Gray Levels in Halftone Reproductions", Peter A. Torpey, Journal of Imaging Technology Vol. 14, No. 2, April 1988, pp. 25-28 |    |           |    |           |

#2  
11011 U.S. PTO  
09/876206  
06/06/01

12. "Partial Dot Overlap Method for Grey Scale Printing", IBM Technical Disclosure Bulletin, Feb. 1993, pp. 269-272
13. "Image Halftoning", IBM Technical Disclosure Bulletin, Sept. 1986

None of the above-cited publications, taken singularly or in combination, teach or suggest the invention as defined by the claims provided in the instant application.

Respectfully submitted,

Dated: May 03, 2001

By: Kevin P. Radigan  
Kevin P. Radigan, Esq.  
Reg. No. 31,789

Telephone No.: (518) 452-5600

Fax No.: (518) 452-5579

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

BLD926002

Application Number

Applicant(s)

Crossland et al.

Filing Date

Herewith

Group Art Unit

11011 U.S. PTO  
09/87 6206  
06/05/01

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,642,653	02/10/87	Ito et al.	346	1.1	
	AB	5,053,887	10/01/91	Thompson	358	457	
	AC	5,204,760	04/20/93	Murayama et al.	358	456	
	AD	5,253,084	10/12/93	Rylander	358	465	
	AE	5,258,832	11/02/93	Rylander	358	527	
	AF	5,463,471	10/31/95	Chou	358	298	
	AG	5,469,515	11/21/95	Lin	382	237	
	AH	5,526,438	06/11/96	Barton	382	237	
	AI	5,761,325	06/02/98	Barton	382	100	
	AJ	5,867,599	02/02/99	Michaelis et al.	382	237	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Using Pixel Overlap to Obtain More Gray Levels in Halftone Reproductions, Peter A. Torpey, Journal of Imaging Technology Vol. 14, No. 2, April 1988, pp. 25-28
	AL	Partial Dot Overlap Method for Grey Scale Printing, IBM Technical Disclosure Bulletin, Feb. 1993, pp. 269-272

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

BLD920002

Application Number

Applicant(s)

Crossland et al.

Filing Date

Herewith

Group Art Unit

11011 U.S. PTO  
09/876206



\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM

Image Haltoning, IBM Technical Disclosure Bulletin, Sept. 1986

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.